BRUHATH BANGALORE MAHANAGARA PALIKE

PROJECT: Consultancy services for preparation of Survey ,Design,Drawing Estimate Preparation etc(Detailed project Report) for the work of Drilling of Borewells Construction of toillets in valmiki park ,Ambabhavani park ,Savarkar park,Avantapura Dobi Ghat and government school Attur in ward no 0.3

SL NO	DESCRIPTION OF WORK	No	L	B	D	QTY	UNIT	RATE	AMOUNT
	BOREWELLS								
1	Gerophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its quality of 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging techinical personal and labour required etc., as per Specification and direction **(P.47, I. 9.4) PRED.SR 2012-13**								
	Basic Rate	1882							
	Area Weightage 3%	56.46							
	Total	1938.46							
		4				**4.00**	Each	1938.46	**7753.84**
2	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) **Page no. 46 / I. 9.1 PRED SR 2012-13**								
	Basic Rate	306							
	Area Weightage 3%	9.18							
	Total	315.18							
	0 to 50 m	4	50.00			**200.00**	m	315.18	**63036.00**
	Basic Rate	400							
	Area Weightage 3%	12							
	Total	412							
	50 to 100 m	4	50.00			**200.00**	m	412.00	**82400.00**
	Basic Rate	445							
	Area Weightage 3%	13.35							
	Total	458.35							
	100 to 150 m	4	50.00			**200.00**	m	458.35	**91670.00**
	Basic Rate	470							
	Area Weightage 3%	14.1							
	Total	484.1							
	150 to 200 m	4	50.00			**200.00**	m	484.10	**96820.00**
	Basic Rate	544							
	Area Weightage 3%	16.32							
	Total	560.32							
	200 to 250 m	4	50.00			**200.00**	m	560.32	**112064.00**
	Basic Rate	583							
	Area Weightage 3%	17.49							
	Total	600.49							
	251 to 300 m	4	50.00			**200.00**	m	600.49	**120098.00**
	Basic Rate	622							
	Area Weightage 3%	18.66							

	Total	640.66							
	300 to 350 m	4	50.00			**200.00**	m	640.66	**128132.00**
10	Supply of ISI mark 175 mm nominal bore medium black ERW casing pipe of 5 mm thick black electric resistance continuous welded mild steel tube material confirming to IS 1387 / 1993 & manufactured from hot rolled steel skelp / stripes in random length of 4 to 7 mts both ends threaded confirming to IS 554 / 1985, one end fixed with a socket and the other and with a plastic protection end (including of all taxes) **SE PRED III NO 84**								
		4	54.00			**216.00**	Rmtr	1325.00	**286200.00**
11	Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials, labour charges, HOM of acquirements and testing complete as per specifications. - 250mm dias. (Page No. 88 Item No. 12.116.5) PWD SR 2018-19								
	Basic Rate	2075							
	Area Weightage 3%	62.25							
	Total	2137.25							
		4	12.00			**48.00**	Rmtr	2137.25	**102588.00**
12	Providing 175mm dia ms casing cap **page no III it no 85 pred 12-13 sr**								
		4				**4.00**	no	100.00	**400.00**
13	Providing MS Casing pipe collars **page no III it no 86 pred 12-13 sr**								
		4	9.00			**36.00**	no	150.00	**5400.00**
7	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / **Atalanta**/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings . PAGE NO **XLII**									
	17.5 HP 30 Stage	4				4.00			
						4.00	Unit	72126.00	**288504.00**
8	KSRB13-3.1: Providing and fixing to wall celling and floor glavanised/ mild steel tubes (medium grade 1.27 kg /mt) B class **50 mm dia** nominal bore with all fittings (earth work in trenches to be measured and paid for separately) including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. **(Page 92 ITEM NO 13.6)**								
	Basic rate	512.00							
	3% AW	15.36							
	Sub Total	527.36							
		4	280.00			**1120.00**	Mtr	527.36	**590643.20**
9	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and Powder coated extrued PVC sheathed suitable for working voltage upto 1100 Volts as per IS - 694 ; 1990 AND CONFORMING TO gtp OFGROUP A **P. No. 12/ I No. (2.10.4) 3cx 6.0 Sqm KPWD Electrical SR 2014-15**								
		4	580.00			**2320.00**	Mtr	188.70	**437784.00**
10	Labour charges for erection of new/ repaired submersible pumpset along with gi pipes inculding transportion each length **pno 558 ino 3 bwssb sr 14-15**								
		4	47.00			**188**	No	88.00	**16544.00**
11	Supplying and flush polished wood board with out front frount plank made of not less than 15mm thick plank after due groove cutting Finishing with necessary on **fixing the same to the wall using tapered** inverted wooden plugs screws etc., **P No. 44No.6.6.6 KPWD Electrical SR 2014-15**								
	20x20x2.5	4				**4**	Each	302.00	**1208.00**
12	Supplying of 1.1 KV LT UG cable having aluminium condutor PVC insulated shethed, EXTREDED INNER SHEATHRD galvnised steel,stirp confirming IS 3975;1990 AND extruded PVC outer sheathing armoured cable IS 1554 part 1;1998 and confirming to GTP of group.**P No.55/ I No.7.4.4 (4 core 16 Sqmm) KPWD Electrical SR 2014-15**								
		4	40.00			**160.00**	Mtr	140.40	**22464.00**
13	Labour charges for laying of 1.1 K.V class UG cable, **P No. 61 / I No. 7.8.1 In existing trencg/duct 6Sqmm to 16 Sqmm) KPWD Electrical SR 2014-15**								

		4	40.00			**160.00**	Mtr	10.80	**1728.00**
14	Digging or trenching of 0.6m deep x 0.5 mtr wide refilling the trench to the required ground level and consolidating etc., complete**P No. 62/ I. No.7.9.4 KPWD Electrical SR 2014-15**								
	For Cutting Road Surface aspalt	4	35.00			**140.00**	Mtr	117.00	**16380.00**
15	Supplying and fixing of Class A (meaium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class **P. No. 62/ I No.7.12.1 KPWD Electrical SR 2014-15**								
	40mm dia GI pipe	4	2.00			**8.00**	Mtr	345.00	**2760.00**
16	Supplying and fixing L.T. cast Iron pot head suitable for 1.1 KV class UG cable filled with necessary bituumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc., **P. No.62/ I No. 7.13.2 KPWD Electrical SR 2014-15**								
	16Sqmm	4				**4.00**	NO	280.00	**1120.00**
17	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cutouts and other equipments on the meter board using 40 mm dia 2.90 mm thick GI pipe 2.5 m long buried in a pit. The pit should be filled with equal propotion of solt and charocoal 150 mm alround the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size, as per ISI specification 7.3.3 IS 732 using 12 mm dia bolts, nuts, washers and check nuts, etc., the pipe shall have 16 throught holes of 122 mm dia, **(P No.55, I No. 7.1) KPWD Electrical SR 2014-15**								
		4				4	NO	2727.00	**10908.00**
18	Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washer etc., complete.... **P No44/I No 6.7.4 KPWD Electrical SR 2014-15**								
	100 Amps								
		4	3			**12**	Each	360.00	**4320.00**
19	Supplying and fixing of heavy duty glands for ug cable 1.1 kv etc., complete.... **P No62 I No 7.14.2 KPWD Electrical SR 2014-15**								
	25mm dia								
		4	6			**24**			
		4	6			**24**	Each	86.00	**2064.00**
20	Supplying and fixing miniature circuit breakers/solaters on existing MCB distribution boards using necessary fixing materiasl wiring complete as requireds 5 to 32 amps triple pole with all lead and lift, loading, unloading and labour charges etc complete as per specifications **pno 47 IT 6.16.5 KPWD Electrical SR 2014-15**								
		4				**4**	Each	1547.00	**6188.00**
21	Fabrication supplying and mounting MS box of 16 SWG suitable for floor /wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primer paint and finally finished with approved colour enamelled metal paint etc., complete box of 21600 sqcm @ Rs.0.33 **P.No. 49, I. No.6.40.2 KPWD Electrical SR 2014-15**								
	16SWG	8	220.00	60.00		105600.0			
		4	450.00	25.00		45000.0			
						150600.0	Sq.Cm	0.33	**49698.00**
22	KSRB 13-7.1-4: Providing and fixing in position 65mm nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications NO KBS 13.2.16 / 13.13 Page No.90 Item No. 13.56 / PWD SR 2018-19								
	Basic rate	1728.00							
	3% AW	51.84							
	Sub Total	1779.84							
		4				4	NOS	1779.84	**7119.36**
23	Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc., complete. **P. No.92/ I. No. 13.81.3 PWD SR 2018-19**								
	Basic rate	210.00							
	3% AW	6.30							
	Sub Total	216.30							

	80mm dia	4	2.00			8	NOS	216.30	1730.40
28	Gate value 65mm nominal bore gun metal **P. No.XXVI sl No. 662 PWD SR**								
	65mm dia	4	2.00			8	NOS	1694.92	13559.36
29	Supplying and delivery at site brand new star / Essen/ Lotus/Sun-shines/Adarsh/ GK Controls best indigenous make combined energy meter - cum- control panel board unit of size 600x450 x200 mm minimum mechanically strong vermin and water proof. The unit shall have two detachable doors suitable for operation on 3 ph, 50Hz, 380/440 volts, A.C supply with spring loaded latch, locking device with a key ribs should be provided inside the door, canopy apron and louvers ventilators shall be provided. the combined energy meter cum- control panel board unit suitable for operation. The panel board shall be fabricated on single unit in the above components for suitable pumpset. **PRED Bangalore Circle SE Approved Date 30.07.2010 15HP to 30 HP Star Delta Starter**								
		4				4	NO	10000.00	40000.00
26	Earth work excavation By Manuall Means for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches, 1.5m and above in width, in Soft rock/ ordinary rock not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with all lead upto 50m after breaking of clods complete as per specifications. (P.No.6, I.No.2.3) PWD SR 2018-19								
	Basic rate	299.00							
	3% AW	8.97							
	Sub Total	307.97							
		4	760.00	0.75	0.90	2052.00			
						2052.00	**cum**	307.97	**631954.00**
27	Filling the Foundation Trenches using approved Sand as per Drawing & Technical Specification in 250mm layers, Whereever necessary watering and ramming including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications Morth Chapter 12. (P.No.221, I.No.27.14) PWD SR 2018-19								
	Basic rate	3039.00							
	3% AW	91.17							
	Sub Total	3130.17							
		4	760.00	0.75	0.30	684.00			
						684.00	**cum**	3130.17	**2141036.00**
28	Providing and installing at site of work P.V.C pipes including cost of pipes and specials and labours including lowering into trenches laying true to line including encasing the pipe alround to a depth not less than 15cms with gravel or selected earth available from excavations etc complete								
	PVC pipes of 6 Kgs/cm	4	760.00			3040.00			
	Basic rate	112.00							
	3% AW	3.36				**3040.00**	Rmtr	115.36	**350694.00**
	Sub Total	115.36							
29	KSRB 2-4 : Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. and lift upto 1.5 m. including cost of all labour complete as per specifications. (Page No.7, Item No. 2.11) PWD SR 2018-19								
	Basic rate	121.00							
	3% AW	3.63							
	Sub Total	124.63							
	From Pipe line excavation					2052.00			
	Deduct from item no. 30					-684.00			
						1368.00	cum	124.63	**170494.00**
30	Providing, laying, spreading and compacting graded crushed stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 (P-155 , I.no 20.18).								
	Basic rate	1888.00							

3% AW	56.64							
Sub Total	1944.64							
From Pipe line excavation	4.00	750.00	0.75	0.20	450.00			
					450.00	cum	1944.64	**875088.00**
MESCOM Deposit	L/S	4				**4**	**15000.00**	**60000.00**
							Total Construction Cost	**6840550.16**
							GST @12%	**584561.64**
RECHARGING GROUND WATER PITS								
KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, **in hard soil** not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(b) / 2.3.5. **Page No. 6 / Item No. 2.4 of PWD SR 2018-19**								
Main Pit	Cum	40	3.142x1.3x1.3		3.00	159.30		
			4					
Basic Rate	449.00					**159.30**	588.38	**93729.00**
Add: loading and unloading Charges **It No 17.1 KSRRB M 100-1**	68.00							
Average weight of earth 1.28 tonne / kg for 11.90 Km 1.28 T X 11.90Km X 2.5 Tonne / km = 38.08	38.08							
	555.08							
Area Weightage @ 6%	33.30							
Total	**588.38**							
KSRRB M2900-2.2. KSRRB M2900-2.1. Laying Reinforced cement concrete pipe NP4 / prestressed concrete pipe for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets complete as per specifications. MORTH Specification No. 2900 B. 1200 mm dia MORTH Specification No. 2900 **Pag No, 254, Item No. 34.3, PWD SR 2018-19**								
	m	40	3.00			120.00		
Basic Rate	10145.00					**120.00**	10753.70	**1290444.00**
Area Weightage @ 6%	608.70							
Total	**10753.70**							
KSRB 2.8 : Providing and **Filling in foundation with granite / trap broken metal** 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications. specification. No. KBS **Page No. 7 / Item No. 2.15 of PWD SR 2018-19**								
Rain Water Racharging Pits	Cum	40	3.142x1.0x1.0		0.45	14.14		
Basic Rate	2429.00					**14.14**	2574.74	**36404.00**
Area Weightage @ 6%	145.74							
Total	**2574.74**							
07754 - Providing Aggregate 53 mm nominal size **(P.II / L 24) PWD SR 2018-19**	Cum							
Rain Water Racharging Pits Inside the Ring		40	3.142x1.0x1.0		0.45	14.14		
Outside the Ring		40	3.142x1.0x3.0		0.45	169.67		
						183.81	1054.29	**193786.00**
07750 - Providing Aggregate 40 mm nominal size **(P.II / L 25) PWD SR 2018-19**	Cum							
Rain Water Racharging Pits		40	3.142x1.0x1.0		0.45	**14.14**	1091.43	**15432.00**
07749 - Providing Aggregate 20 mm nominal size **(P.II / L 28) PWD SR 2018-19**	Cum							
Rain Water Racharging Pits		40	3.142x1.0x1.0		0.45	**14.14**	1091.43	**15432.00**

12(a) Providing sand / Artifical Sand / Manufactured sand (P.I./ L.49) **PWD SR 2018-19**	Cum								
New Water Racharging Pits		40	3.142x1.0x1.0			0.30	**9.43**	1591.43	**15001.00**
Sub Total									**1660228.00**
GST @ 12%									**199227.00**
CHILDREN'S PLAY EQUIPMENTS IN SAVARKAR PARK									
Supplying and fixing of Special Multiplay system ,with curved slide and number panel upright structural posts oh heights 2.4m 2.7m , 3.3m , schedule GOT Dip galvanized steel with a 114mm OD and 2.2mm wall thckness of the tubing all metal components are to be finished with a baked on powder coat finish with deck of size 1.45 x 1.45m and staircase of size 1.5m x 0.77m are fabricated from 2mm performed solid punhed steel deck perimeter is precsion pre punched for attacments decks are pressed punched and welded along with a hydraulic of height 2.2m and dia 32mm shall be an all robotic welded unit fabricated from 32 O.D curved slide size 1.94m x 1.85mx2.4m panels toprrails of monkey loop of size 1.8m x 1.3m deck size 1.45 x 1.45m are fabricated from 2mm perforcated solid punched steel roof of size dia 2 m and height 0.82m spiral slide of size 1.16m x 1.16m x 3.6m panels the rates are to be inclusive of supply and installation at site inclusive of all taxes and transportation charges									
	Each	3				3.00			
						3.00	2201295.00	**6603885.00**	
Data Rate	**2201295.00**								
Supplying and fixing of Special Multiplay system ,with curved slide and number panel upright structural posts oh heights 2.4m 2.7m , 3.3m , schedule GOT Dip galvanized steel with a 114mm OD and 2.2mm wall thckness of the tubing all metal components are to be finished with a baked on powder coat finish with deck of size 1.45 x 1.45m and staircase of size 1.5m x 0.77m are fabricated from 2mm performed solid punhed steel deck perimeter is precsion pre punched for attacments decks are pressed punched and welded along with a hydraulic of height 2.2m and dia 32mm shall be an all robotic welded unit fabricated from 32 O.D curved slide size 1.94m x 1.85mx2.4m panels toprrails of monkey loop of size 1.8m x 1.3m deck size 1.45 x 1.45m are fabricated from 2mm perforcated solid punched steel roof of size dia 2 m and height 0.82m spiral slide of size 1.16m x 1.16m x 3.6m panels the rates are to be inclusive of supply and installation at site inclusive of all taxes and transportation charges									
	Each	1				1.00	1067429.00	**1067429.00**	
data rate	1067429								
							Total Construction Cost		**7671314.00**
KERB STONES & COBBLE STONES									
Removing and resetting of kerb stones **(SR Pg no 270 item no 37.57)**									
savarkar park	1	404.00			404.00				
valmiki park	1	1209.00			1209.00				
					1613.00	m	**104.94**	**169268.22**	
Basic Rate:	99.00								
Area Weightage @ 6%	5.94								
Total	104.94								
Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting etc complete of size **450 x 150 x 500mm (SR Pg no 27 item no 5.29.1)**									
valmiki park	2	1209.00			2418.00				
savarkar park	2	404.00			808.00				
					3226.00				
considering 50% of damaged kerb stones					1613.00				
For **Children's play Equipment**	2	80.00		/0.45	355.56				
Basic Rate:	441.00				**1968.56**				
Area Weightage @ 6%	26.46				**1968.56**	Nos	**467.46**	**920220.98**	
Total	467.46								
KSRB 15-15.3 Providing and applying painting in two coat with Synthetic enamel paint of approved brand and manufacture on concrete surface with cost of materials ,labour ,complete as per specifications.**(SR Pg no 180 item no 24.1)**									
valmiki park	1	1209.00	0.45		544.05				
savarkar park	1	404.00	0.45		181.80				
For Children's play Equipment	2	60.00	0.3		36.00				
					761.85	Sqm	**84.80**	**64604.88**	
Basic Rate:	80.00								
Area Weightage @ 6%	4.80								
Total	84.80								

	KSRB 14.6.1 Providing and laying heavy duty cobble stones 60mm thick interlock pavers,using cement and course sand for manufacturer of blocks of approved size,shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed and conpacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to comeup in between joints , final compaction of pavers surfaces joint into its final level including cost of materials,labour and HOM complete as per specifications								
	valmiki park	1	515.00	2.22		1143.30			
	savarkar park	1	202.00	2.20		444.40			
						1587.70			
	considering 50% of damaged cobble stones					**793.85**	m	**1116.18**	**886079.49**
	Basic Rate:	1053.00							
	Area Weightage @ 6%	63.18							
	Total	1116.18							
	Earth work excavation by manual means in ordinary soil involving an average horizental throe upto 2M and an average lift upto 0.5m excavated surface levelled and sides neately dressed the disposed earth to be levelledbneatly fter breaking the clouds complete as per specifications (P NO 143 I N 19.1 OF PW,P P&WTD SR 2018-19								
	For Children's play Equipment	1	20	20	0.3	**120.00**			
	Acupuncture Footpaths in Valmiki Park	1.00	100.00	1.50	0.20	**30.00**			
	Acupuncture Footpaths in Savarkar Park	1.00	50.00	1.50	0.20	**15.00**			
						165.00	Cum	**137.80**	**22737.00**
	Basic Rate:	130.00							
	Area Weightage @ 6%	7.80							
	Total	137.80							
	KSRRB M2100-10 Providing and laying in position Plain Cement Concrete 1:3:6 with OPC cement @ 220 kgs. with crushed 40mm and down size graded metal coarse aggregates @0.89 cum and fine aggregates @ 0.46cum, in foundation machine mixed, concrete laid in layers not exceeding 15cms. well compacted, in foundation including cost of all materials and curing, labour, HOM curing complete as per specifications.(SR'18-19 Pg 222 & Item no 27.18))								
	Acupuncture Footpaths in Valmiki Park	1.00	100.00	1.50	0.10	**15.00**			
	Acupuncture Footpaths in Savarkar Park	1.00	50.00	1.50	0.10	**7.50**			
						22.50	Cum	**5421.90**	**121992.75**
	Basic Rate:	5115.00							
	Area Weightage @ 6%	306.90							
	Total	5421.90							
	KSRB4-1.6 providing an laying in position Plain cement concrete of Mix 1:2:4 with OPC @ 240kgs ,with 20mm and downsize graded granite metal coarse aggregates @ 0.69 cum and fine aggregates @ 0.459cum ,amchine mixed ,concrete laid in layersnot exceeding 15 cms thick ,well compacted in foundation ,plinth and cills ,including cost of all materials ,albour ,HOM ,curing compete as per specifications (P-13 I N-4.6 SR 2018-19)								
	Acupuncture Footpaths in Valmiki Park	1.00	100.00	1.50	0.10	**15.00**	Cum	**5747.32**	**86209.80**
	Acupuncture Footpaths in Savarkar Park	1.00	50.00	1.50	0.10	**7.50**			
						22.50	Cum	**5747.32**	**129314.70**
	Basic Rate:	5422.00							
	Area Weightage @ 6%	325.32							
	Total	5747.32							
	KSRRB 2.6 Providing and filling sand in trenches to required depth including watring ramming with all leads and lift complete as per specifications and directed by the engineer incharge at the site (P-7 I N-2.13 SR 2018-19)								
	For Children's play Equipment	2.00	20.00	20.00	0.30	**240.00**	Cum	**2183.60**	**524064.00**
	Basic Rate:	2060.00							
	Area Weightage @ 6%	123.60							
	Total	2183.60							
								TOTAL	2400427.82
	Add 12% GST								288051.34
	CONSTRUCTION OF TOILET AT SAVARKAR PARK and VALMIKI PARK								

Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m in depth including leveling the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specification **(S.R Page no 5, item no 2.3)**									
Sawarkar Park									
for 150mm wall (outer)									
(2 x7.95+2x2.85)=21.60	1	21.60	0.60	1.10	14.26				
For 100mm wall (Inner)	1	13.48	0.45	0.75	4.55				
4x1.55=6.20									
4x1.125=4.50									
1X2.775=2.775									
PIPE LINE TRENCHES	1	25.00	0.30	0.35	2.63				
MANHOLE	1	3.14X 1.30X1.30		1.75	2.32				
Valmiki park									
for 150mm wall									
(2 x5.85+2x2.35)=21.60	1	16.40	0.60	1.10	10.82				
For 100mm wall	1	7.70	0.45	0.75	2.60				
2x1.55=3.1									
2x1.125=2.25									
1X2.35=2.35									
PIPE LINE TRENCHES	1	15.00	0.30	0.35	1.58				
MANHOLE	1	4X 1.30X1.30		1.75	2.32				
			4.00		**26.81**	Cumt	**316.94**	8498.38	
Basic Rate:	299.00								
Area Weightage @ 8%	17.94								
Total	316.94								
Lead for Disposal of Earth shall be payable at Carriage rates (Lead & lift) by mechanical means including loading and unloading upto 15km **(S.R Page no 5, item no 2.4, 2.21)**									
Sawarkar Park									
Consider at 40% of vide I nO1	**1**	1.58	0.4		0.63				
Valmiki park									
Consider at 40% of vide I nO1	1	17.32	0.40		6.93				
					7.56	Cumt	**116.00**	876.70	
Average Weight of Earth (1.28 Ton/cum.Basic rate Rs 2.50 Tonne /km) for 15kms = 2.5x1.28x15	48								
Add loading and loading (P.No 130.I No 17.1)	68								
Total	**116**								
	116								
Providing and laying in position **plain cement concrete of mix 1:4:8** with OPC cement @ 180 kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials,labour, HOM of machinery, curing complete as per specifications. specification No KBS 4.1,4.2. **S.R Page no 13, item no 4.3**									
Sawarkar Park									
for 150mm wall									
(2 x7.95+2x2.85)=21.60	1	21.60	0.60	0.15	1.94				
For 100mm wall									
4x1.55=6.20									
4x1.125=4.50	1	13.48	0.45	0.10	0.61				
1X2.775=2.775									
Valmiki park									
for 150mm wall									
(2 x5.85+2x2.35)=21.60	1	16.40	0.60	0.15	**1.48**				
For 100mm wall									
2x1.55=3.1									
2x1.125=2.25	1	7.70	0.45	0.10	**0.35**				
1X2.35=2.35					**4.37**	Cumt	**5408.12**	23649.03	
Basic Rate:	5102.00								
Area Weightage @ 8%	306.12								
Total	5408.12								

Providing and constructing granite / trap / basalt **size stone masonry in basement** with cement mortar in the edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications **SR Page 23 iteam no 5.5**

Sawarkar Park								
For 150mm wall								
first footing	1	21.60	0.45	0.5	4.86			
second footing	1	21.60	0.3	0.45	2.92			
For 100mm wall								
first footing	1	13.48	0.3	0.35	1.41			
second footing	1	13.48	0.25	0.3	1.01			
Valmiki park								
for 150mm wall								
first footing	1	16.40	0.45	0.50	3.69			
second footing	1	16.40	0.30	0.45	2.21			
For 100mm wall								
first footing	1	7.70	0.30	0.35	0.81			
second footing	1	7.70	0.25	0.30	0.58			
					17.49	Cumt	**5811.98**	**101660.25**
Basic Rate:	5483.00							
Area Weightage @ 8%	328.98							
Total	5811.98							

Providing and constructing **non load bearing walls withsolid concrete blocks of size 400x100xx200mm** having a block density not less thean 1800kg/m3 having a minimum average comprehensive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1) :2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materilals ,labour charges ,scaffolding ,curing ,hire ,charges of machinaries etc complete as per specifications.**S.R Page no 25, item no 5.27.2**

Sawarkar Park								
For 150mm wall	1	21.60		3.05	65.88			
					65.88			
Deduction for openings								
Door-D	2	1.00		2.10	-4.20			
ventilators	8	0.60		0.60	-2.88			
					58.80			
Valmiki park								
For 150mm wall	1	16.40		3.05	**50.02**			
					50.02			
Deduction for openings								
Door-D	2	1.00		2.10	**-4.20**			
ventilators	5	0.60		0.60	**-1.80**			
					44.02			
					102.82	sqm	**1029.24**	**105826.46**
Basic rate	953							
Area Weightage @ 8%	76.24							
Total	**1029.24**							
Sawarkar Park	1	13.48		3.05	41.10			
For 100mm wall					**41.10**			
S.R Page no 25, item no 5.28								
Deduction for openings								
Doors-D1	4	0.75		2.10	-6.30			
					34.80			
Valmiki park								
For 100mm wall	1	7.70		3.05	23.49			
S.R Page no 25, item no 5.28					23.49			
Deduction for openings								
Doors-D1	2	0.75		2.10	-3.15			
					20.34			
					55.13	Sqm	**875.88**	**48290.55**
Basic rate	811							
Area Weightage @ 8%	64.88							
Total	**875.88**							

KSRBS-8.2 :Construction of partition wall 10 cms thick with table moulded modular burnt bricks of class integration 5.0Newton per Sqmm with cement mortor 1:4 including cost of materials ,labours charges scaffolding curing complete as per specifications, .**S.R Page no 31, item no 6.30**

Savarkar Park								
For placing 2-no sintex tank	3	1.50		0.80	3.60			
	1	1.60		0.80	1.28			
For parapet wal								
(2.x6.0+2x2.9)=21.8	1	21.80		0.90	19.62			
Valmiki park								
For placing 1-no sintex tank	2	1.50		0.80	2.40			
	1	1.60		0.80	1.28			
For parapet wall								
(2.x6.9+2x2.4)=16.6	1	16.60		0.90	14.94			
					43.12	Sqm	**848.88**	**36603.71**
Basic rate	786							
Area Weightage @ 8%	62.88							
Total	**848.88**							

KSRBS-14.10-3 :providing flooring with 20mm thick polished cadapa slabs usings cement mortor 1:6 25mm thick over existing cement concrete bed or top of roof laid to line and level and jointed with cement slurry mixed with pigment to match the shade of the slab ,including cost of materials ,alabour ,curing polishing complete as per specifications.(**S.R Page no 105, item no 14.17**

Savarkar Park								
For placing 2-no sintex tank	1	1.80		1.50	2.70			
Valmiki park								
For placing 2-no sintex tank	1	1.60		1.50	2.40			
					5.10	Sqm	**1391.04**	**7094.30**
Basic rate	1288							
Area Weightage @ 8%	103.04							
Total	**1391.04**							

KSRB 4.2.8 providing and laying in position reinforced cement concrete of design Mix M20 with OPC @ 320kgs ,with 20mm and downsize graded granite metal coarss aggregates @ 0.69cum and fine aggregates @ 0.46cum with supoer palstisisers IS 9103-1999 reaffirmed -2008 ,machine mixed ,concrete laid in layers not exceeding 15cms thick ,vibrated for all works in ground floor level for **roof slabs ,staircases ,lintels and beams retaining walls ,return walls ,walls** (any thickness) including attached piasters ,columnspillars posts,struts ,buttreses ,string ,or lacing courses ,parapets coping ,bed blocks ,anchor blocks ,plain window cils ,fillets etc ,including cost of all materials ,alabour ,HOM ,curing ,complete but exclsding cost of reinforcement as per epecification (**S.R Page no 14, item no 4.13**

Savarkar Park								
top slab around building	**1**	8.10	3.00	0.15	3.65			
Lintels								
For doors								
ladies toilet	**2**	1.10	0.10	0.1	0.02			
main door	**1**	1.20	0.15	0.1	0.02			
Gents toilet	1	2.20	0.10	0.10	0.02			
main door	1	1.20	0.15	0.10	0.02			
For ventilators	8	0.80	0.15	0.10	0.10			
Valmiki park								
top slab around building	**1**	6.00	2.50	0.15	2.25			
Lintels								
For doors								
ladies toilet	**1**	1.10	0.10	0.1	0.011			
main door	**1**	1.20	0.15	0.1	0.018			
Gents toilet	1	2.20	0.10	0.10	0.022			
main door	1	1.10	0.15	0.10	0.017			
For ventilators	5	0.80	0.15	0.10	0.060			
Basic rate	5892				**6.199**	sqm	**6363.36**	**39443.29**
Area Weightage @ 8%	471.36							
Total	**6363.36**							

KSRB 4.2.10 Providind and laying in **position reinforcement cement** concrete **Mix M20** with OPC @394kgs ,with 12mm and downsize graded granite metal coarse aggregates @ 0.05175cum and fine aggregates @ 0.0345cum ,with super plasticisers @0.225lts ,amchine mixed ,well compacted for plain cheja of 7.5cms ,average thickness upto ground floor level ,including cost of all materials ,labourr ,HOM finishing ,curing ,complete but excluding cost of reinforcement as per specifications (**S.R Page no 15, item no 4.19**								
Savarkar Park								
cheja	**1**	**8.00**	**0.45**		3.60			
length including all doors and ventilators								
Valmiki park								
cheja	**1**	**5.00**	**0.45**		2.25			
length including all doors and ventilators								
					5.85	sqm	**475.20**	**2779.92**
Basic rate	440							
Area Weightage @ 8%	35.2							
Total	**475.2**							
KSRB 4.6.2:Providing and removing centering ,shuttering,strutting ,propping etc ,and removal of form work for Suspended floors ,landings ,balconies and likes ,thickness upto 200mm incliding cost of all materilas labour complete as perspecifications for heights more thean 3.50m **(S.R Page no 16, item no 4.29**								
Savarkar Park								
	1	8.10	3.00		24.30			
Valmiki park								
	1	6.00	2.50		15.00			
					39.30	Sqm	**432.00**	**16977.60**
Basic rate	400							
Area Weightage @ 8%	32							
Total	**432**							
KSRB 4.6.10:Providing and removing centering ,shuttering ,strutting propping & and removal of form work for chejja ,corbels etc including edges including cost of all materials ,labour ,complete as per specifications.**(S.R Page no 17, item no 4.37**								
Savarkar Park	8	0.60	0.45		2.16			
Valmiki park	5	0.60	0.45		1.35			
					3.51	Sqm	**348.84**	**1224.43**
Basic rate	323							
Area Weightage @ 8%	25.84							
Total	**348.84**							
Providing **TMT Steel Reinforcement for R.C.C work** including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.**TMT Bars Fe 500 (S.R.page 19 item 4.46.2)**								
Savarkar Park								
For Slab					6.20			
1.50%					0.09			
7850 kg/cmt					729.87	kgs		
For chejja	5.85							
10kg per sqm	58.5				58.50	kgs		
					788.37			
Valmiki park								
For Slab					2.38			
2%					0.04			
7850 kg/cmt					279.95	kgs		
For chejja	2.25							
10kg per sqm	22.5				22.50	kgs		
					302.45			
					1.09	mt	**76643.28**	**83604.33**
Basic rate	70966							
Area Weightage @ 8%	5677.28							
Total	**76643.28**							

61	Providing 12mm thick cement plaster in single coat with cement mortar 1:4, to **ceiling** including rounding off corners wherever required smooth rendering,, Providing and removing scaffolding, including cost of materials, labour, lead, lift, curing complete as per specifications and direction of the Engineer in charge Providing Lime rendering for Plastering to Ceiling including cost of materials, labour, curing complete as per specification. S.R Page no 113, item no 15.22								
	Savarkar Park								
	ladies loilet	1	1.50	1.00		1.5			
	passage	1	0.90	1.10		0.99			
	Near entarance	1	2.50	1.10		2.75			
	wash basin area	1	1.60	1.10		1.76			
	Gents loilet	2	1.50	1.00		3			
	passage near urinal	1	1.40	2.70		3.78			
	Near Entrance	1	1.10	2.20		2.42			
	Valmiki park								
	ladies loilet	1	1.50	1.00		1.5			
	passage	1	1.10	1.60		1.76			
	Near entarance	1	2.50	1.10		2.75			
	Gents loilet	2	1.50	1.00		3			
	wash basin area	1	1.60	1.10		1.76			
	passage near urinal	1	2.20	1.20		2.64			
	Near Entrance	1	1.10	2.20		2.42			
						32.03	Sqm	**125.28**	**4012.72**
	Basic rate	116							
	Area Weightage @ 8%	9.28							
	Total	**125.28**							
62	Providing 18mm thick cement plaster in single coat with **cement mortar 1:4,** to brick masonry including rounding off corners wherver required smooth rendering, : Providing and removing scaffolding, cost of materials, labour, curing complete as per specifications and direction of the Engineer in charge.for **Outside Plastering S.R Page no 113, item no 15.16**								
	Savarkar Park								
	long wall	2	8.10		3.20	51.84			
	Cross wall	2	3.00		3.20	19.20			
	deduction for openings								
	Door-D	2	1.00		2.10	-4.20			
	ventilators	8	0.60		0.60	-2.88			
	For parapet wall								
	(inside and outside 2x2)	4	8.10		0.90	29.16			
		4	3.00		0.90	10.80			
	Valmiki park								
	long wall	2	8.10		3.20	51.84			
	Cross wall	2	3.00		3.20	19.20			
	deduction for openings								
	Door-D	2	1.00		2.10	-4.20			
	ventilators	5	0.60		0.60	-1.80			
	For parapet wall								
	(inside and outside 2x2)	4	8.10		0.90	29.16			
		4	3.00		0.90	10.80			
						208.92	Sqmt	**281.88**	**58890.37**
	Basic rate	261.00							
	Area Weightage @ 8%	20.88							
	Total	**281.88**							
63	Providing **Skirting ,dadoing ,rises of steps with white glazed tiles** 6mm thick on 10mm thick cement palsters 1:3 and jointes with white ceemnt slurry over existing rough plasrter surface using glazed tles of approved make and size including cost of materials ,labour complete as per specifications **S.R.page108 item No.14.40**								
	Savarkar Park								
	ladies loilet	2	1.50		2.50	7.50			
		2	1.00		2.50	5.00			
		2	1.50		2.50	7.50			
		2	1.00		2.50	5.00			

passage	1	0.90		2.50	2.25			
Near entarance	2	4.20		2.50	21.00			
	2	1.60		2.50	8.00			
Gents loilet	2	1.50		2.50	7.50			
	2	1.00		2.50	5.00			
	2	1.50		2.50	7.50			
	2	1.00		2.50	5.00			
urinal side	1	2.70		2.50	6.75			
	1	1.40		2.50	3.50			
entance	1	2.80		2.50	7.00			
	1	1.10		2.50	2.75			
	1	1.60		2.50	4.00			
Deduction for openings								
Doors								
D	2	1.00		2.10	-4.20			
D1	4	0.75		2.10	-6.30			
Ventilators	8	0.60		0.60	-2.88			
Valmiki park								
ladies loilet	2	1.50		2.50	7.50			
	1	1.20		2.50	3.00			
	1	2.20		2.50	5.50			
passage	1	1.60		2.50	4.00			
Near entarance	1	2.80		2.50	7.00			
Gents loilet	2	1.50		2.50	7.50			
	1	1.20		2.50	3.00			
	1	2.20		2.50	5.50			
	1	2.80		2.50	7.00			
	1	1.10		2.50	2.75			
	1	1.60		2.50	4.00			
Deduction for openings								
Doors								
D	2	1.00		2.10	-4.20			
D1	2	0.75		2.10	-3.15			
Ventilators	5	0.60		0.60	-1.80			
Doors								
D	2	1.00		2.10	-4.20			
D1	4	0.75		2.10	-6.30			
Ventilators	8	0.60		0.60	-2.88			
					126.09	Sqmt	1261.44	**159054.97**
Basic rate	1168							
Area Weightage @ 8%	93.44							
Total	**1261.44**							
Providing **Ceramic tiles/Antiskid tiles** of size 30x30cms of approved make, shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications.								
S.R.page108 item No.14.36.2								
Savarkar Park								
ladies loilet	1	1.50	1.00		1.5			
	1	1.50	1.00		1.5			
passage	1	0.90	1.10		0.99			
Near entarance	1	2.50	1.10		2.75			
wash basin area	1	1.60	1.10		1.76			
Gents loilet	1	1.50	1.00		1.5			
	1	1.50	1.00		1.5			
urinal passage and wash basin area	1	2.70	1.40		3.78			
at entrace	1	1.10	2.20		2.42			
Valmiki park								
ladies loilet	1	1.20	1.00		1.2			
	1	1.20	1.00		1.2			
passage	1	0.90	1.10		0.99			
Near entarance	1	2.50	1.10		2.75			
wash basin area	1	1.60	1.10		1.76			
Gents loilet	1	1.50	1.00		1.5			
	1	1.50	1.00		1.5			

urinal passage and wash basin area	1	2.70	1.40		3.78				
at entrace	1	1.10	2.20		2.42				
					34.8	Sqmt	**1306.80**	**45476.64**	
Basic rate	1210								
Area Weightage @ 8%	96.8								
Total	**1306.8**								
65	KSRB9-7.1 providing and fixing fully panelled wood shutters for doors ,styles and rails of 30mm, thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials ,labour ,HOM complete as per specifications(excluding cost of fixtures **S.R.page54 item No.9.25**								
	Savarkar Park								
	Doors								
	D	2	1.00		2.10	4.2			
	D-1	4	0.75		2.10	6.3			
	Valmiki park								
	Doors								
	D	2	1.00		2.10	4.2			
	D-1	4	0.75		2.10	6.3			
						21	sqm	**2762.64**	**58015.44**
	Basic rate	2558							
	Area Weightage @ 8%	204.64							
	Total	**2762.64**							
66	KSRB9-9.25-3Providing and fixing in position fully glazed shutters for ventilators side hung or central pivoted with wood styles and rails of 25mm thick ,50mm wide and central divider of 25mm ,wide 3mm thick reeded glass fixed with wooden beading of size 10mm wide flushed to the thickness of the frame including cost of materilas ,labour charges ,HOM complte as per specifications (excluding cost of fixtures) **S.R.page 59 item No.9.77**								
	Savarkar Park								
	Ventilators								
	V	8	0.6		0.6	2.88			
	Valmiki park								
	Ventilators	5	0.6		0.6	1.8			
						4.68	Sqm	**3969.00**	**18574.92**
	Basic rate	3675.00							
	Area Weightage @ 8%	294.00							
	Total	**3969.00**							
67	Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications **S.R.page 34 item No.7.9**								
	Savarkar Park								
	Ventilators								
	V	8	0.6	0.6		2.88			
	Valmiki park								
	Ventilators								
	V	5	0.6	0.6		1.8			
						1.8	Sqm		
	2.88 sqm x21kg per sqm = 60.48kg					**4.68**	kgs	**102.60**	**480.17**
	Basic rate	95							
	Area Weightage @ 8%	7.6							
	Total	**102.6**							
68	Fixing of door frame in an existing opening including embeeding frame in floor and walls after cutting masonry for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and down size granite metal painting two coats of coal tar to sides of frame, making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour charges, complete as per specifications **S.R.page 60 item No.9.8.**								
	Savarkar Park								
	Doors	6				6			
	Valmiki park								

	Doors	4				4			
						10	nos	1475.28	14752.80
	Basic rate	1366							
	Area Weightage @ 8%	109.28							
	Total	**1475.28**							
	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers including cost of all materials cost oif labour and scaffolding etc complete as per the specifications S.R.page 122 Item 15.106								
	Savarkar Park								
	Ceiling					32.03			
	Valmiki park								
	Ceiling					11.84			
						43.87	Sqmt	**84.24**	**3695.61**
	Basic Rate:	78.00							
	Area Weightage @ 8%	6.24							
	Total	84.24							
70	Providing half nosing for 20mm thick granite slab using required machinery including cost and conveyance of all materials, labour for all items of work, HOM of equipment etc., complete as per specification **S.R.page 108 I,.No.14.56**								
	Savarkar Park	1	1.80			1.80			
	Valmiki park	1	1.00			1.00			
						2.80	**Mtr**	**194.40**	**544.32**
	Basic rate	180							
	Area Weightage @ 8%	14.40							
	Total	**194.4**							
71	Providing and finishing external walls in two coats over one coat of 100% acrylic silicon glazed primer with antifungal paint for top coat of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. **S.R.page124 Item 15.104**								
	Savarkar Park								
	External walls					208.92			
	Valmiki park								
	External walls					79.00			
						287.92	Sqmt	**194.40**	**55971.65**
	Basic Rate:	180.00							
	Area Weightage @ 8%	14.40							
	Total	**194.40**							
72	Applying priming coat over new wood surface and/ or wood based surface after preparing the surface after throughlycleaning oil, grease, dirt and foreign matter, sand papering and knotting liquid wood filler, for varnish including cost of materials, labour, completeas per specifications. **S.R.page 121 item 15.59**								
	Savarkar Park								
	Doors-D	2	1.00	2.10		4.20			
	D-1	4	0.75	2.10		6.30			
	Ventilator-V	8	0.60	0.60		2.88			
	Valmiki park								
	Doors-D	2	1	2.1		4.2			
	D-1	2	0.75	2.1		3.15			
	Ventilator-V	5	0.6	0.6		1.8			
						22.53	**sqm**	**54.00**	**1216.62**
	Basic Rate:	50.00							
	Area Weightage @ 8%	4.00							
	Total	**54.00**							
73	Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood basedsurface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost ofmaterials, labour, complete as per specifications. **S.R.page 118 item 15.60.1**								
	Savarkar Park								